Pennsylvania Department of Environmental Protection

Northwest Regional Office
CLEAN WATER PROGRAM

Application Type	**Renewal**	Application No.	**PA0264563**
Facility Type	**Industrial**	APS ID	**1065693**
Major / Minor	**Minor**	Authorization ID	**1527665**

NPDES PERMIT FACT SHEET INDIVIDUAL INDUSTRIAL WASTE (IW) AND IW STORMWATER

Applicant and Facility Information

Applicant Name	**Jefferson Paving Corp**	Facility Name	**Jefferson Paving**
Applicant Address	1288 Turner Road	Facility Address	1288 Turner Road
	Brookville, PA 15825-4836		Brookville, PA 15825-4836
Applicant Contact	Noah Burtner	Facility Contact	
Applicant Phone	(814) 849-8838	Facility Phone	
Client ID	322053	Site ID	810465
SIC Code	1611	Municipality	Rose Township
SIC Description	Construction - Highway And Street Construction	County	Jefferson
Date Application Received	June 13, 2022	EPA Waived?	Yes
Date Application Accepted	April 30, 2025	If No, Reason	

Purpose of Application: Renewal NPDES Permit for an existing discharge of stormwater associated with industrial activities.

Summary of Review

Anti-degradation procedures were followed since this permit involves previously unpermitted discharges to High Quality (HQ) designated streams. These existing discharges, from the previous NPDES permit, to a HQ streams has satisfied antidegradation requirements of 25 Pa code Chapter 93.4 by evaluating non-discharge alternatives to the Departments satisfaction and indicating through implementing BMPs that the discharge should be non-degrading. A special condition with parameter benchmark values to be achieved, and requirements for a corrective action plan if benchmark values are not achieved, was included in the draft permit. Page 3 of this Fact Sheet details how the permittee plans to demonstrate that the discharge will be non-degrading.

There are currently no open violations listed in EFACTS for the Permittee (4/30/25).

Public Participation

Based on the review in this report, it is recommended that the permit be drafted. DEP will publish notice of the receipt of the NPDES permit application and a tentative decision to issue the individual NPDES permit in the *Pennsylvania Bulletin* in accordance with 25 Pa. Code § 92a.82. Upon publication in the *Pennsylvania Bulletin*, DEP will accept written comments from interested persons for a 30-day period (which may be extended for one additional 15-day period at DEP's discretion), which will be considered in making a final decision on the application. Any person may request or petition for a public hearing with respect to the application. A public hearing may be held if DEP determines that there is significant public interest in holding a hearing. If a hearing is held, notice of the hearing will be published in the *Pennsylvania Bulletin* at least 30 days prior to the hearing and in at least one newspaper of general circulation within the geographical area of the discharge.

Any additional information or public review of documents associated with the discharge or facility may be available at PA DEP Northwest Regional Office (NWRO), 230 Chestnut Street, Meadville, PA 16335. To make an appointment for file review, contact the NWRO File Review Coordinator at 814-332-6945.

Approve	Deny	Signatures	Date
X		*Jared Lescavage* Jared Lescavage / Project Manager	April 30, 2025
X		Adam Olesnanik Adam Olesnanik, P.E. / Environmental Engineer Manager	May 22, 2025

Discharge, Receiving Waters and Water Supply Information

Outfall No.	001	Design Flow (MGD)	0
Latitude	41Âº 11' 31.95"	Longitude	-79Âº 7' 6.71"
Quad Name		Quad Code	
Wastewater Description:	Stormwater		
Receiving Waters	Unnamed Tributary to Mill Creek (HQ-CWF)	Stream Code	49784
NHD Com ID	102670117	RMI	0.4300
Drainage Area		Yield (cfs/mi^2)	
Q_{7-10} Flow (cfs)	0	Q_{7-10} Basis	Dry Stream
Elevation (ft)	1625	Slope (ft/ft)	
Watershed No.	17-B	Chapter 93 Class.	HQ-CWF
Existing Use		Existing Use Qualifier	
Exceptions to Use		Exceptions to Criteria	
Assessment Status	Attaining Use(s)		
Cause(s) of Impairment			
Source(s) of Impairment			
TMDL Status	Final	Name	Mill Creek (Clarion)

Background/Ambient Data		Data Source
pH (SU)	6.7	Mill Creek Watershed TMDL
Temperature (°F)		
Hardness (mg/L)		
Other:		

Nearest Downstream Public Water Supply Intake	PA American Water Company – Clarion District		
PWS Waters	Clarion River	Flow at Intake (cfs)	
PWS RMI	33.44	Distance from Outfall (mi)	20

Changes Since Last Permit Issuance: N/A

Other Comments: Other Comments: The overflow from the retention pond (Outfall 001) travels approximately 0.45 miles via a dry swale prior to confluence with Tributary 49784 where perennial conditions exist.

There are no wasteload allocations in the Mill Creek Watershed TMDL for the receiving tributary (49784).

A fraction of the site drains to UNT 48856 to North Fork Redbank Creek via sheet flow. This watercourse is also designated as High Quality (HQ) and was considered in the anti-degradation review and BMPs although there is not a defined outfall.

Both receiving streams were designated HQ prior to this facility existing and stormwater discharges occurring.

Development of Effluent Limitations

Outfall No.	001	**Design Flow (MGD)**	0
Latitude	41º 11' 22.00"	**Longitude**	79º 6' 36.00"

Wastewater Description: Stormwater associated with industrial activities

Technology-Based Limitations

The following technology-based limitations apply, subject to water quality analysis and BPJ where applicable:

Comments: There are no industrial activities occurring at the facility that are subject to federal ELGs. Asphalt materials and paving equipment are stored onsite, but no asphalt mixing is performed at this facility

Water Quality-Based Limitations

Comments: None due to the discharge consisting of stormwater occurring during rain events.

Antidegradation Evaluation

The applicant evaluated three non-discharge alternatives including alternative project siting, land application of stormwater, and alternative discharge locations. Three other non-discharge alternatives were preliminarily screened and ruled out as viable options. The non-discharge alternatives, and their associated infeasibility, are explained and justified in the "Non-Discharge Alternatives Analysis" as included as an attachment to Module 4 of the application submittal.

The Department has determined that the permittee will demonstrate the "non-degrading discharge" condition of 25 Pa. Code Chapter 93.4a will be achieved through the industrial stormwater discharges being controlled by installed or planned BMPs and demonstrating that the discharge will achieve the benchmark values associated with a "no exposure" condition. The condition of "no exposure" is not met at this facility but similar non-degrading characteristics are represented through demonstrating that "no exposure" benchmark values for the parameters listed in Module 1 instructions for the NPDES Individual IW Permit application will be met. Effluent quality will be monitored as a condition of the permit once the facility is running to ensure benchmark values are not exceeded. A permit condition is included in Part C of the permit that requires a Corrective Action Plan (CAP) if any benchmark values are exceeded during one or more sampling events.

Best Professional Judgment (BPJ) Limitations

Comments: In accordance with the Department's SOP entitled "Establishing Effluent Limitations for Individual Industrial Permits," effluent limits and monitoring requirements contained in the PAG-03 General Permit, Appendix M, including benchmark values, will be incorporated into this permit. These parameters include pH, total suspended solids, and oil & grease. Unlike the PAG-03 General Permit, the trigger for submitting for, and the initiation of, a corrective action plan was made more stringent due to the discharge being to a HQ-designated watershed.

Monitoring for parameters listed in Module 1 of the NPDES Industrial Waste Permit Application will be incorporated into the permit to demonstrate compliance with the "non-degrading discharge" condition of 25 Pa. Code Chapter 93.4a. A continual assurance of this will be done through the establishment of benchmark values (from Module 1 instructions) In Part C of the NPDES Permit which must be met.

Additional Considerations

Although the receiving stream is part of a watershed AMD TMDL, no monitoring or WLA limitations in the permit are deemed necessary for aluminum, manganese and iron for this discharge for the following reasons:

1) The discharge existed for many years (over 20 years prior) before development of the TMDL.
2) The receiving stream is attaining HQ-CWF designation with the existing discharge which indicates water quality is exceeding the goal set for the entire Mill Creek Watershed.
3) No substantial alterations to the site or industrial activities have occurred since the receiving stream was assessed (2004).
4) Aluminum, manganese and iron are not typically pollutants of concern for this type of industrial activity nor are they characteristic of raw materials stockpiled onsite

Compliance History

DMR Data for Outfall 001 (from March 1, 2024 to February 28, 2025)

Parameter	FEB-25	JAN-25	DEC-24	NOV-24	OCT-24	SEP-24	AUG-24	JUL-24	JUN-24	MAY-24	APR-24	MAR-24
pH (S.U.) Daily Maximum			5.60						7.5			
BOD5 (mg/L) Daily Maximum			< 2.00						< 2.00			
COD (mg/L) Daily Maximum			< 50						< 50			
TSS (mg/L) Daily Maximum			< 5						< 5			
Oil and Grease (mg/L) Daily Maximum			< 5.0						< 5.0			
Total Nitrogen (mg/L) Daily Maximum			0.931						1.38			
Total Phosphorus (mg/L) Daily Maximum			0.11						0.22			

Proposed Effluent Limitations and Monitoring Requirements

The limitations and monitoring requirements specified below are proposed for the draft permit, and reflect the most stringent limitations amongst technology, water quality and BPJ. Instantaneous Maximum (IMAX) limits are determined using multipliers of 2 (conventional pollutants) or 2.5 (toxic pollutants). Sample frequencies and types are derived from the "NPDES Permit Writer's Manual" (386-0400-001), SOPs and/or BPJ.

Outfall 001, Effective Period: Permit Effective Date through Permit Expiration Date.

Parameter	Effluent Limitations						Monitoring Requirements	
	Mass Units (lbs/day) (1)		Concentrations (mg/L)				Minimum (2) Measurement Frequency	Required Sample Type
	Average Monthly	Average Weekly	Minimum	Average Monthly	Daily Maximum	Instant. Maximum		
pH (S.U.)	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
BOD5	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
COD	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
TSS	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Oil and Grease	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab
Total Nitrogen	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Calculation
Total Phosphorus	XXX	XXX	XXX	XXX	Report	XXX	1/6 months	Grab

Compliance Sampling Location: Outfall 001 (prior to mixing with any other waters)

Other Comments: Benchmark values for each parameter found in Part C of the permit should be consistently met for this stormwater discharge.

- NOEX benchmarks were assigned to this facility due to its proximity to HQ receiving waters.